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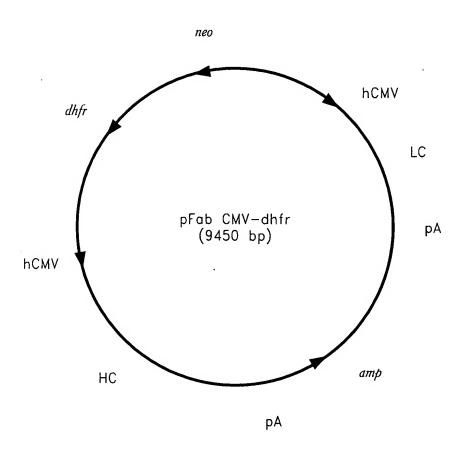


FIG. 1A

Replacement Sheet

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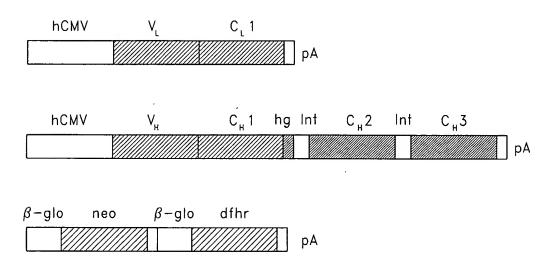


FIG. 1B

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FIG. 2

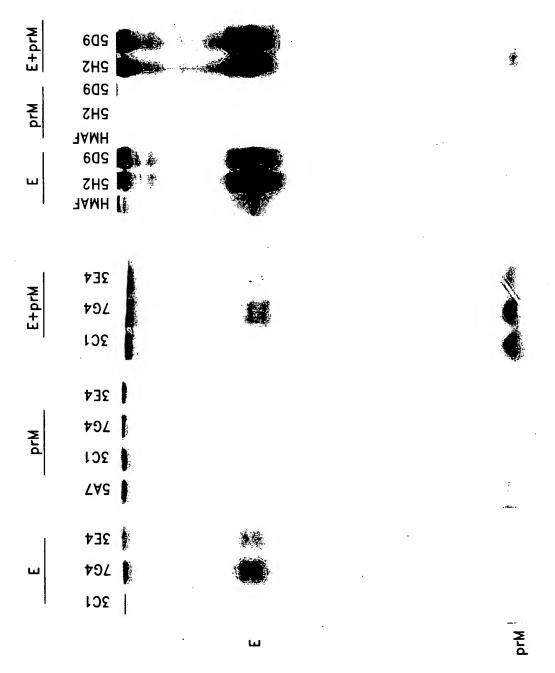
FIG. 21

(B)				
	FR1	CDR1	FR2	CDR2
5A7	EVQLLES-GGGLVQPGGSLRLSCAASGVTFS	SYWMH	WVRQAPGKGLEWV	SRINSDGSSTNYADSVEG
3C1	,,,,,,,-, AEVKK,,,,VKV,,KV,,G,L,	SIS',	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GV, IPIRGTA,,, OKFO,
3E4	,,,,,,QS, AEVKK,,,,VKV,,KV,,G,,,	RNPIS	M,,,,,Q,,,,M	, V, VPIVGT, KH, QKFQ,
7G4	iE		,,,,,,,,,P,,,	AL, KK,,, EKY,, E,, K,
5H2	",",,,,-,P,,,K,SET,S,T,TV,,GSI,	DFYWS	, L,, S,,,,,,I	GYAH, RV, -AY, NP, LKS
5D9	.,,,,,,-,P,,,K,SET,S,T,TV,,GSI,	DFYWS	, L,,S,,,,,,I	GVAH, RV, -AY, NP, LKS
	FR3		CDR3	FR4
5A7	RFTISRDNAKNTLYLQMNSLRAEDTAVYYC	SRGGLWD	SRGGLWDWSPRRIEETKTPFDY	WGQGTLVTVSS
3C1	, V, YTA, ESTS, V, MELS, , , S, , , , , ,	AT	ATG, GRYPTGS,,,	A
3E4	, V,, TA, ESTS, A, MELS,,, S,,,,,,,	AT	ATY, YADVSSYSE,	
7G4		T,	T, RITTLTVISDA, , I	M.,,,
5H2	,V,,,V,TS,,Q,S,RLSAVT,A,,,L,,,	A,	A,QGTGTTGVSED, F, L	,,,,K,I,,L
5D9		A,	A,QGTGTTGVSED, F, L, , , , , K, I, , L,	,,,K,I,,L,

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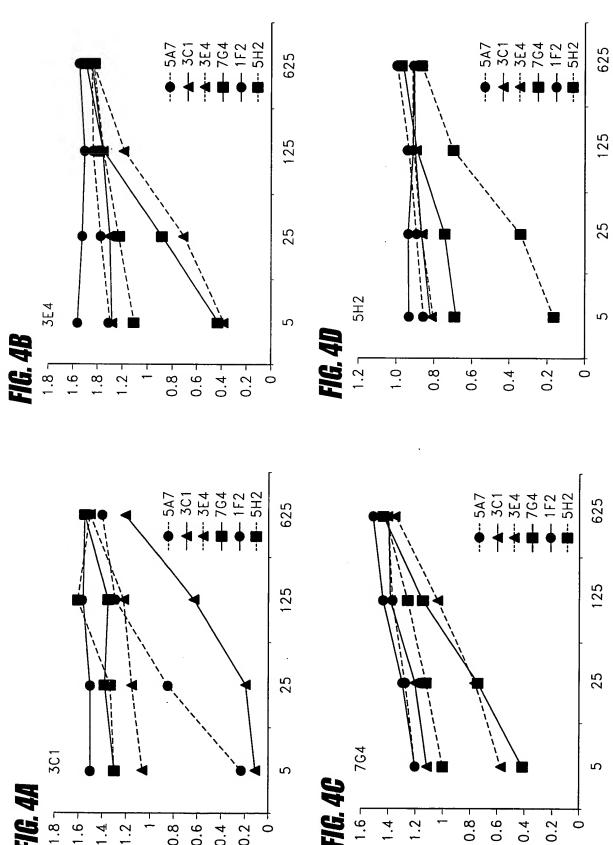
92-69--E 46--NS1 30-14Appl. No.: Unknown Atty Docket: NIH272.001NP



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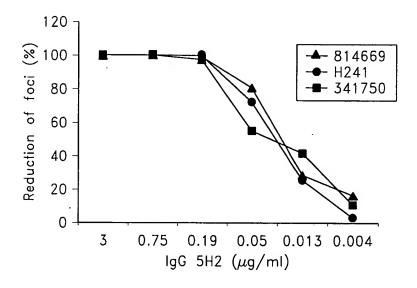


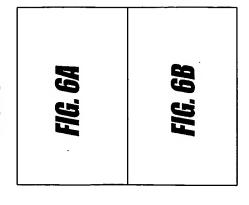
FIG. 5

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32	LLQS	ж.	:	:	м. Е	NRA.	NRD.								
CDR2	S YSS	Y FA.	Y HA.	Y HA.	Y DA.	Y GLS1	Y KVSI								
FR2	WYQQKPGKAPKLLI	N				LS.QS.Q	. IQ.RP.QP.R	FR4	HT FGPGTKVDIKRT	2QLEV	QIE	QLE	7QLE		IQRLE
CDR1	RASQSITNYLS	T V.			N. ESS. D	KSLLHSDGNTF	RSNLVHSDGNTS	CDR3	PEDFATYY CHYG-YGTH	DQd.	.D	.D	QHFNSFPW.	AVGVFMQ.TQLPY.	AVGLYVQ.VQFP]
FR1	ELOMTOSPSSLSASVGDRVTITC RASQSITNYLS WYQQKPGKAPKLLIS YSSTLQS	ELV	ELVTA Y HA			LVAP.QPAS.S. KSLLHSDGNTFLS.QS.QY GLSNRA	A.LL. PVTL.QPAS.S. RSNLVHSDGNTS .IQ.RP.QP.RY KVSNRD	FR3	GVPSRFSGSGSGTDFTLTISSLQPEDFATYY CHYG-YGTHT FGPGTKVDIKRT		.IQLE	.I		DKQVEAVGVF.	DAK.TRVEAVGLYVQ.VQFPIQRLE
	2H7	2H5	3A2	1 <b>A</b> 5	1B2	1A10	3E4		2H7	2H5	3A2	1A5	1B2	1A10	3E4

FIG. 6



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	FR1	CDR1	FR2	CDR2
287 285 382 185 182 1810	EVQLIE-SGGGLVQPGGSRRLSCAASGFTIS       DNVMH WVRQAPGKGLEWV ALIYSAD-STHYADSVKG         -T.       -T.         -C.       -T.          -T.	DNVMH HYFWS R.PIS	WVRQAPGKGLEWV 1	ALIYSAD-STHYADSVKGTT. GY.SYRG-T.Y.NP.L.S GV.VPIVGT.KH.QKFQ.
r r	FR3	K.PIS .	QM G	GV.VPIVGT.KH.QKFQ.
ЭН5	KFTISKDNSKNTLYLQMDGLRPEDTAVYYC ARE	rcieci	-CFAHFDY WGQGTI	IVIVSS
342	8	 		
LA3 1B2 1A10 3E4	.V.M.VTAA	LSV. AGM (YAD (YADV	SYSEY	

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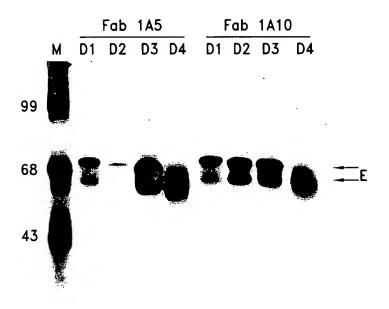
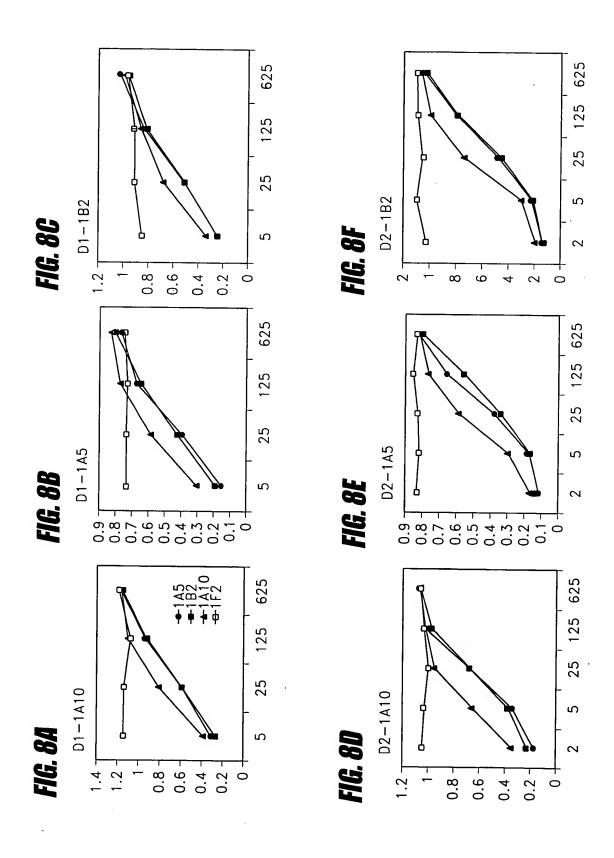


FIG. 7

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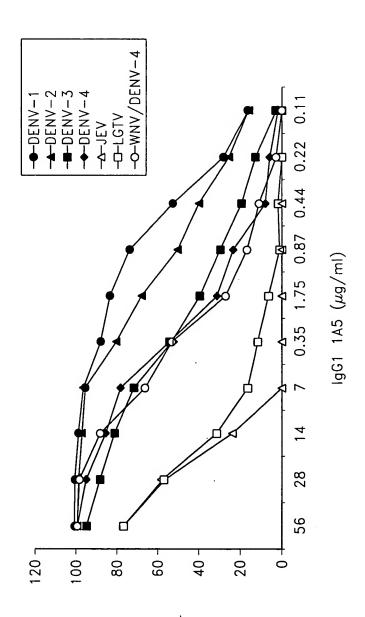
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kDa M D1 D2 D3 D4 WN/D4 JE LGT 64 51 == E

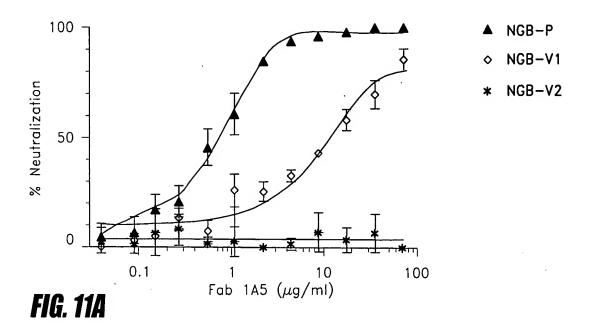
FIG. 9

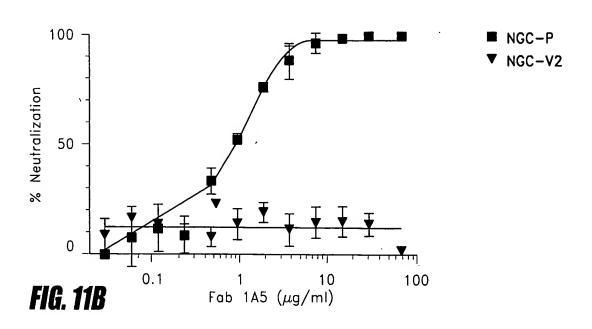
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% Reduction of foci

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			$Gly_{106}$		
		C	$\downarrow$	d	
DENV-2 P	89	RFVCKHSMVDRGW	GNGCGLFG	KGGIVTCAMFT	120
DENV-2 V1					
DENV-2 V2			v		
DENV-1		NRRTF		SLIK-K	
DENV-3		NYTY		SLK-Q	
DENV-4		QYI-RRDV		VK-S	
WNV		ARQGV		S-DK-A	
JEV		SYQGFT		S-DK-S	
JEV SA14-14-2		SYQGFT	F	S-DK-S	
SLEV		TRDV		S-DK	
YFV Asibi		DNARTYS		SAK	
YFV 17D		DNARTYS		SAK	
LGTV		GTRDQS	н	svk	
TBEV		GTRDQS	н	sa-vkaa	

## FIG. 12A

	His <sub>317</sub>
	$\mathbf{A} \qquad \downarrow \qquad \mathbf{B}$
DENV-2 P 306	FKVVKEIAETQHGTIVIRVQY 326
DENV-2 V1	Q
DENV-2 V2	
DENV-1	LEVVLVQ-K-
DENV-3	-VLKVSL-K-E-
DENV-4	-SIDMT-VK-K-
WNV.	FLGTP-D-GV-LEL
JEV	-SFA-NP-D-GVELT-
JEV SA14-14-2	-SFA-NP-D-GVELT-
SLEV	-TFS-NPTD-GVIVEL
YFV Asibi	MFFNPDT-GV-MQ-KV
YFV 17D	MFFNPDT-GV-MQ-KV
LGTV	-TWKRAPTDSG-D-V-ME-GF
TBEV	-TWRRAPTDSG-D-V-ME-TF

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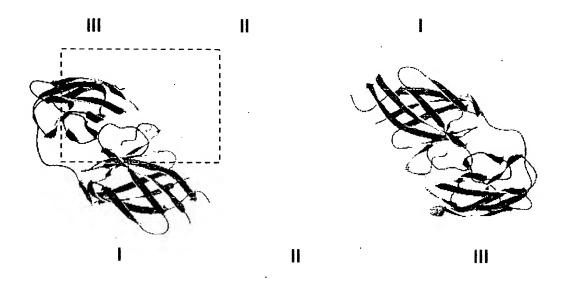


FIG. 13A

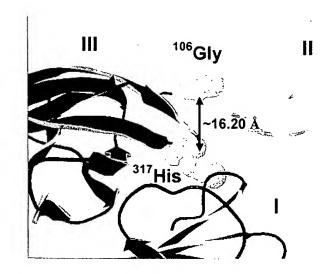


FIG. 13B

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FIG. 14A

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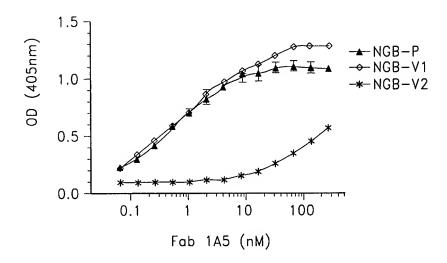


FIG. 14B

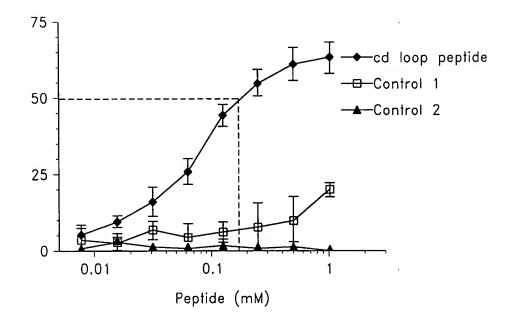
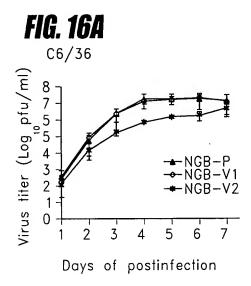
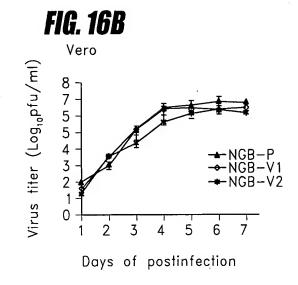
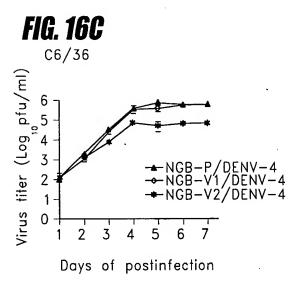


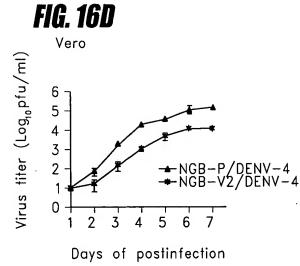
FIG. 15

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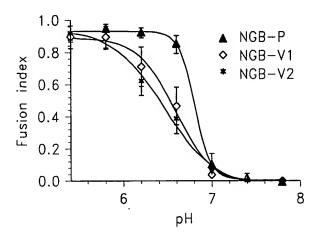


FIG. 17

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